

TO FIG. 1a-2

FIG. 1a-1

TO FIG. 1a-3

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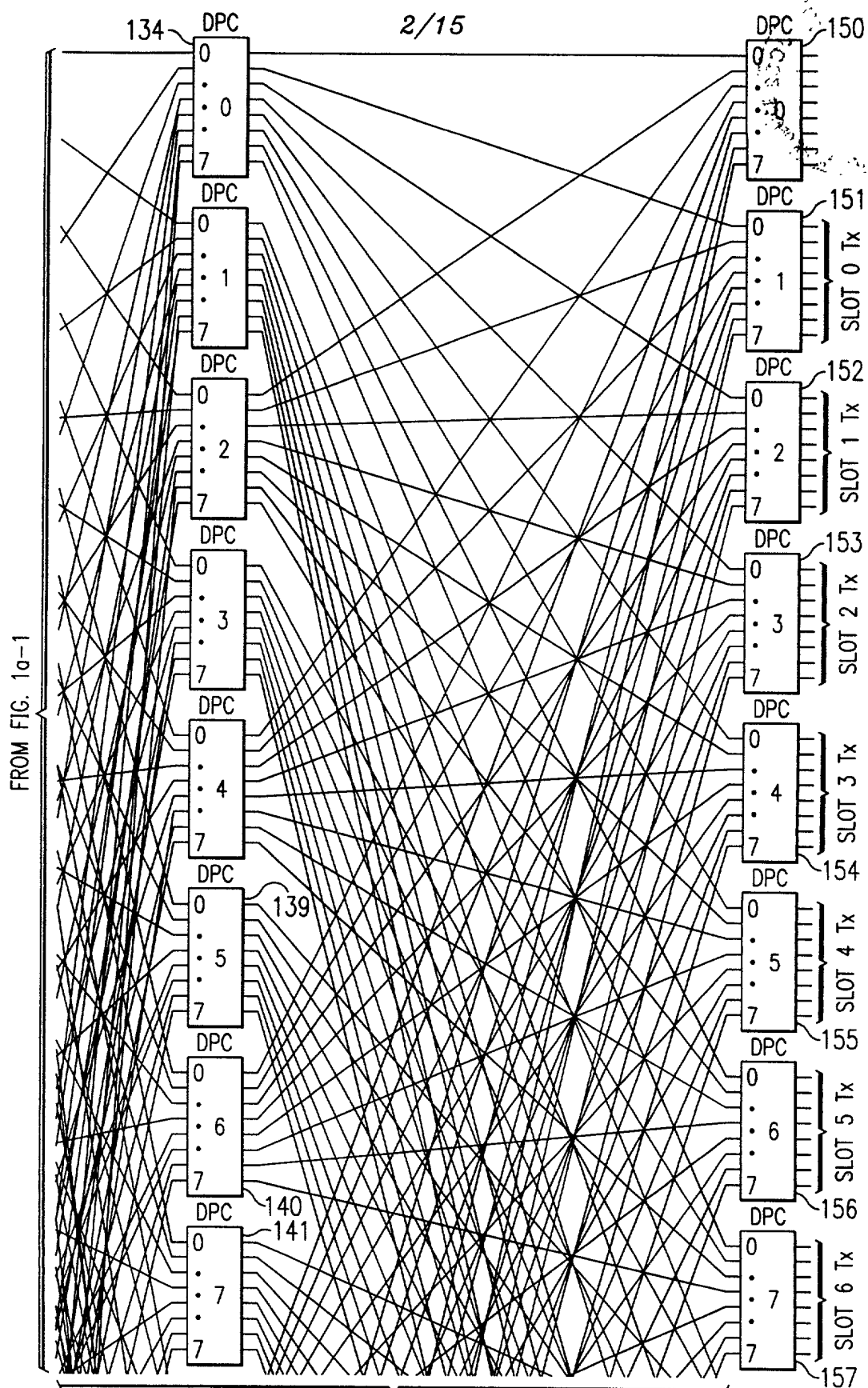


FIG. 1a-2

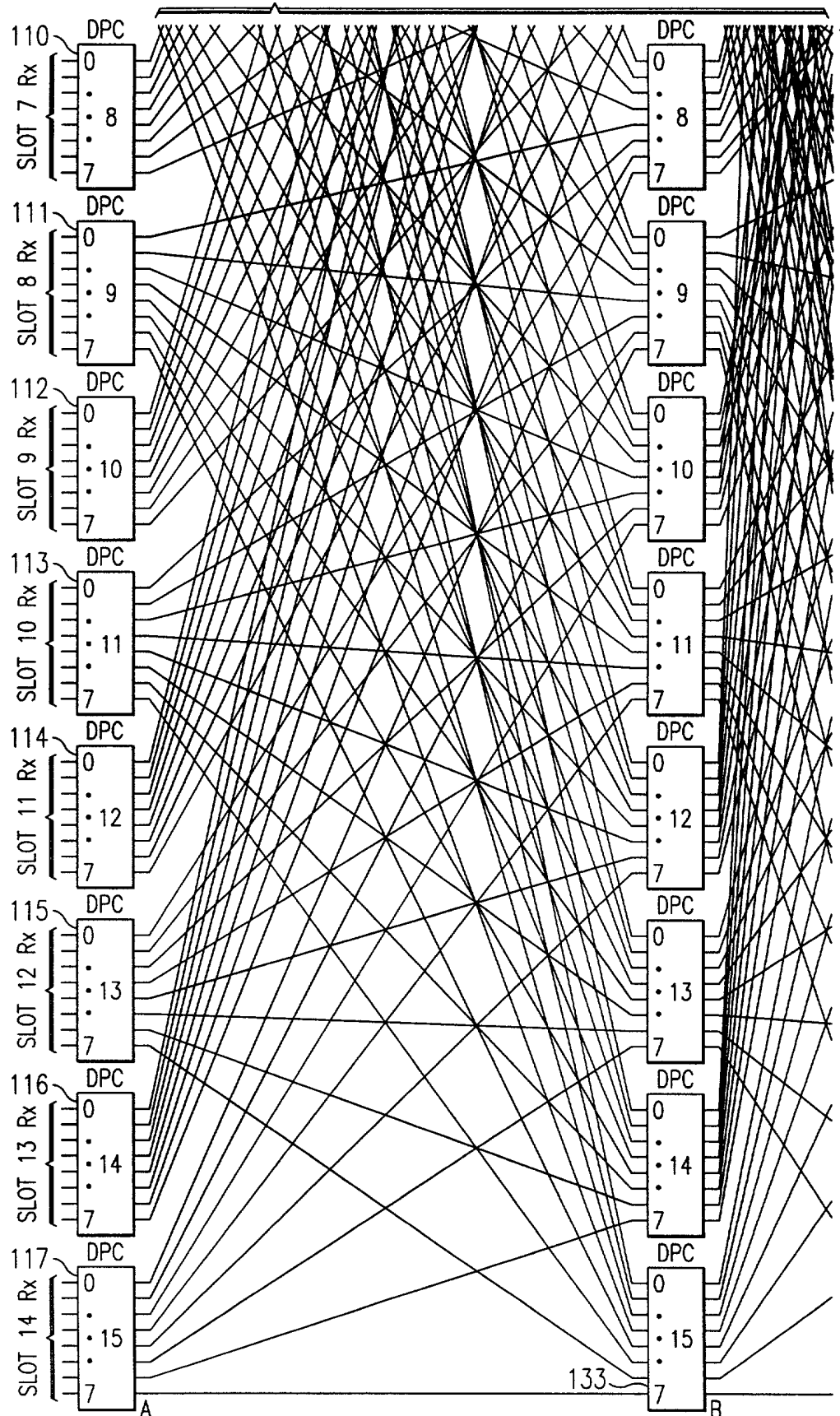
TO FIG. 1a-4

[illegible]

FROM FIG. 1a-1

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FIG. 1a-3



TO FIG. 1a-4

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FROM FIG. 1a-2

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FIG. 1a-4

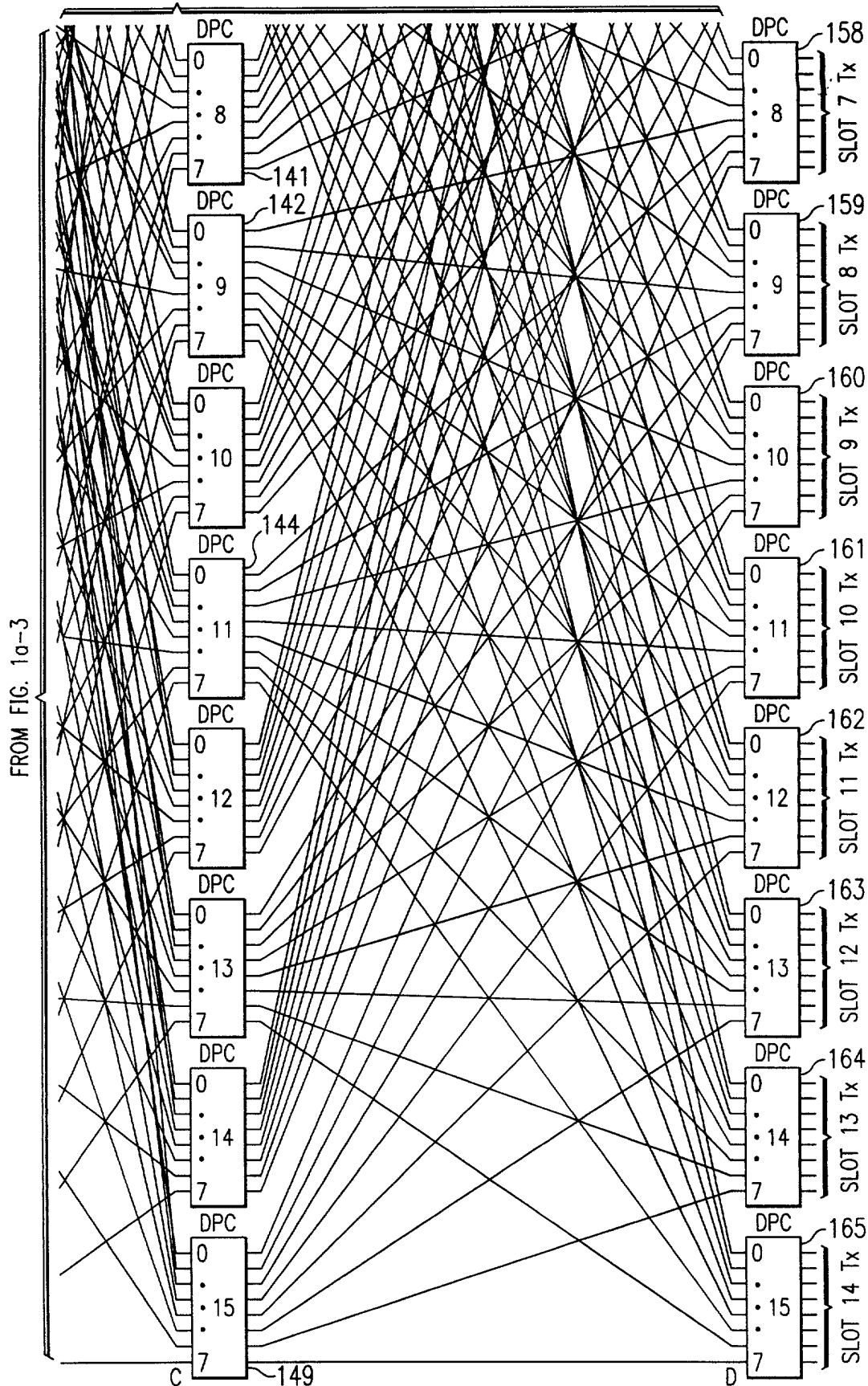
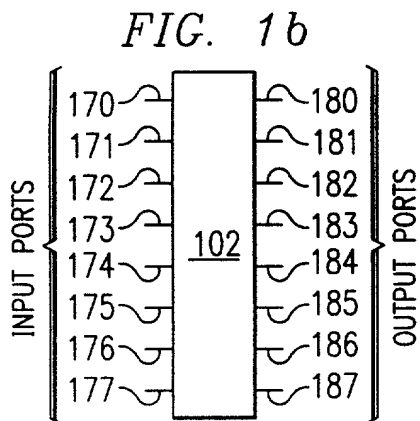
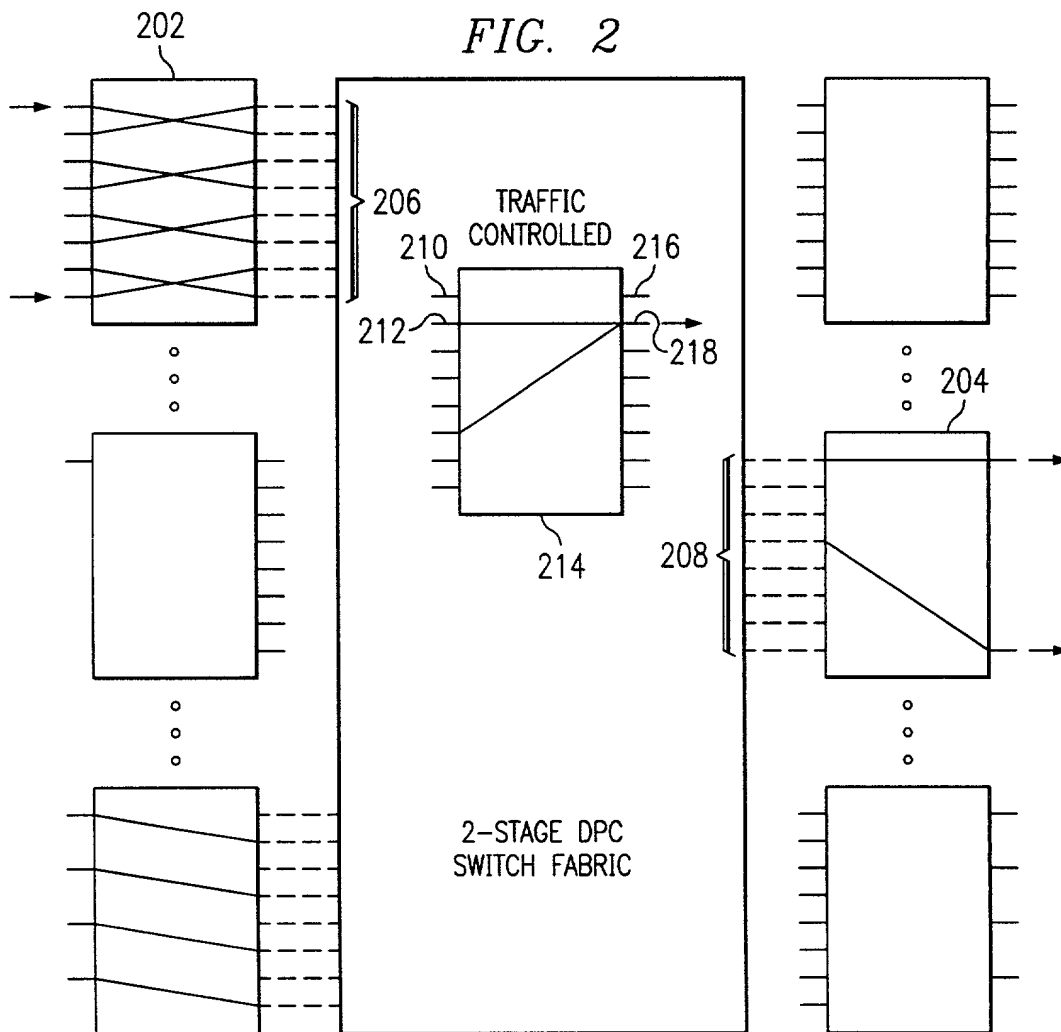


FIG. 1c



PORT 1	PORT 2	PORT 3	PORT 4	PORT 5	PORT 6	PORT 7	PORT 8
1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
1024	1024	1024	1024	1024	1024	1024	1024

FIG. 2



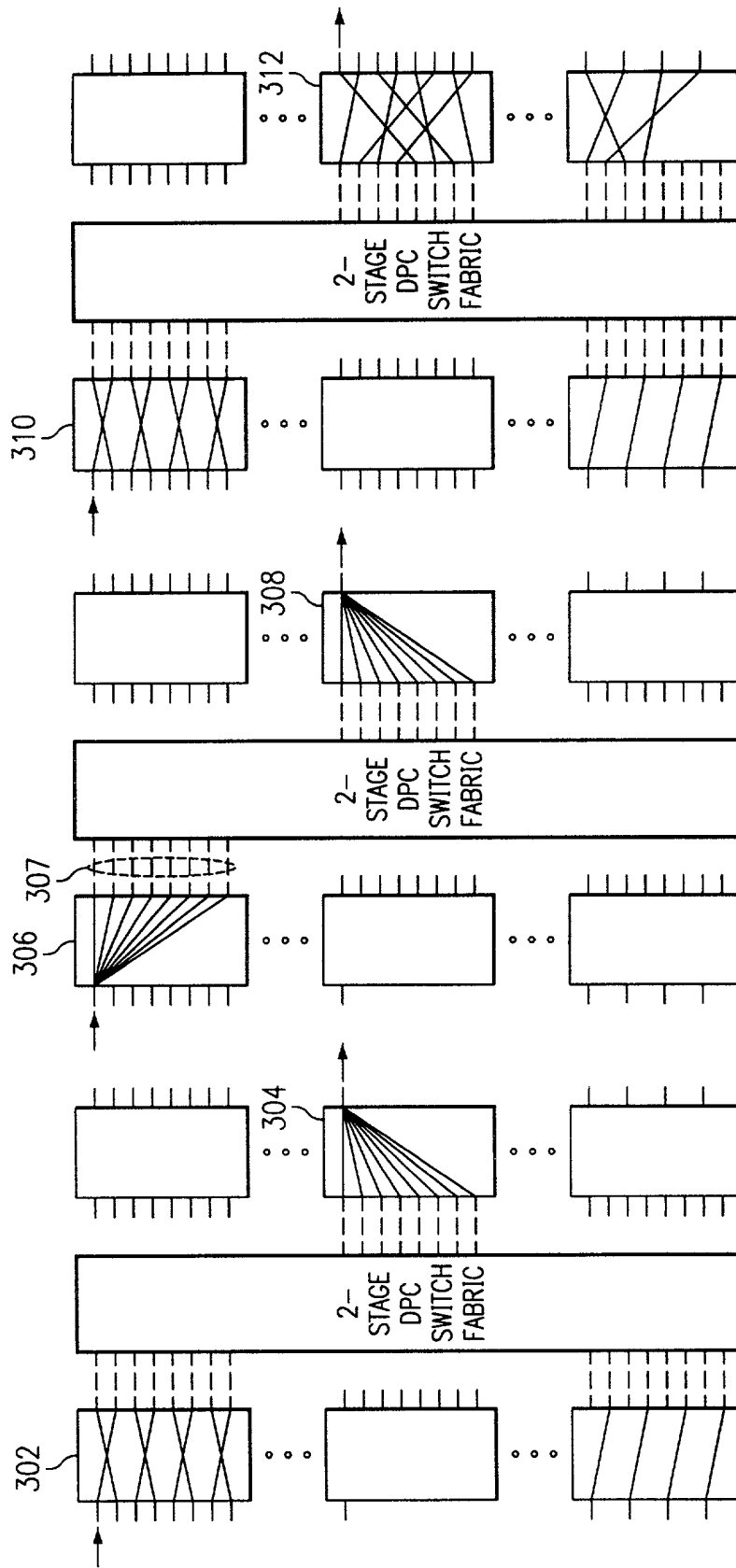


FIG. 3

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FIG. 4

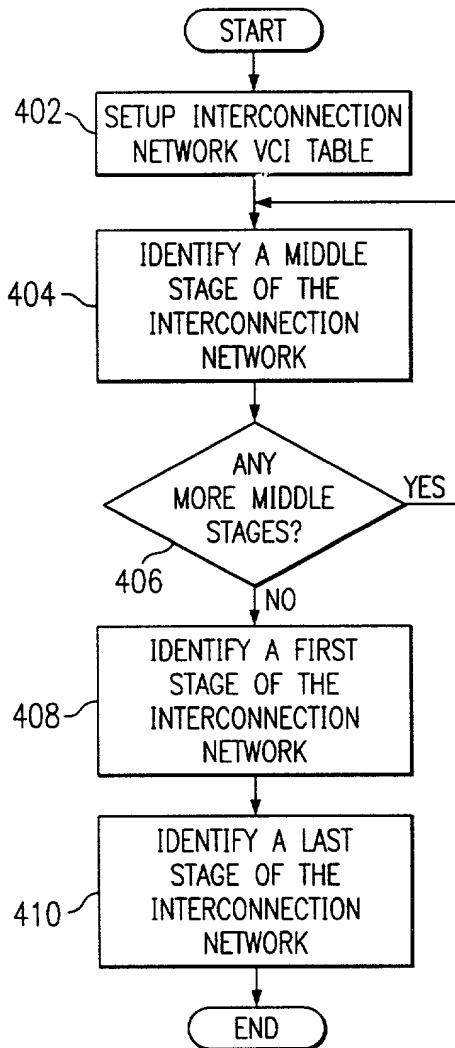


FIG. 5

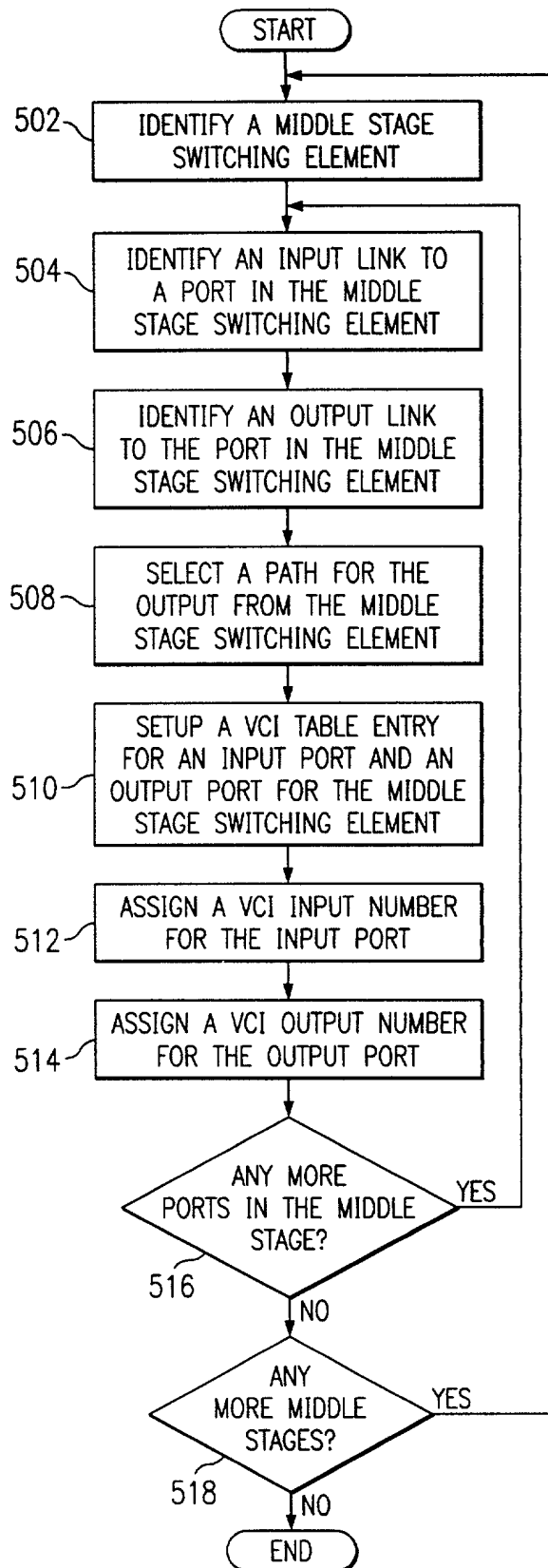
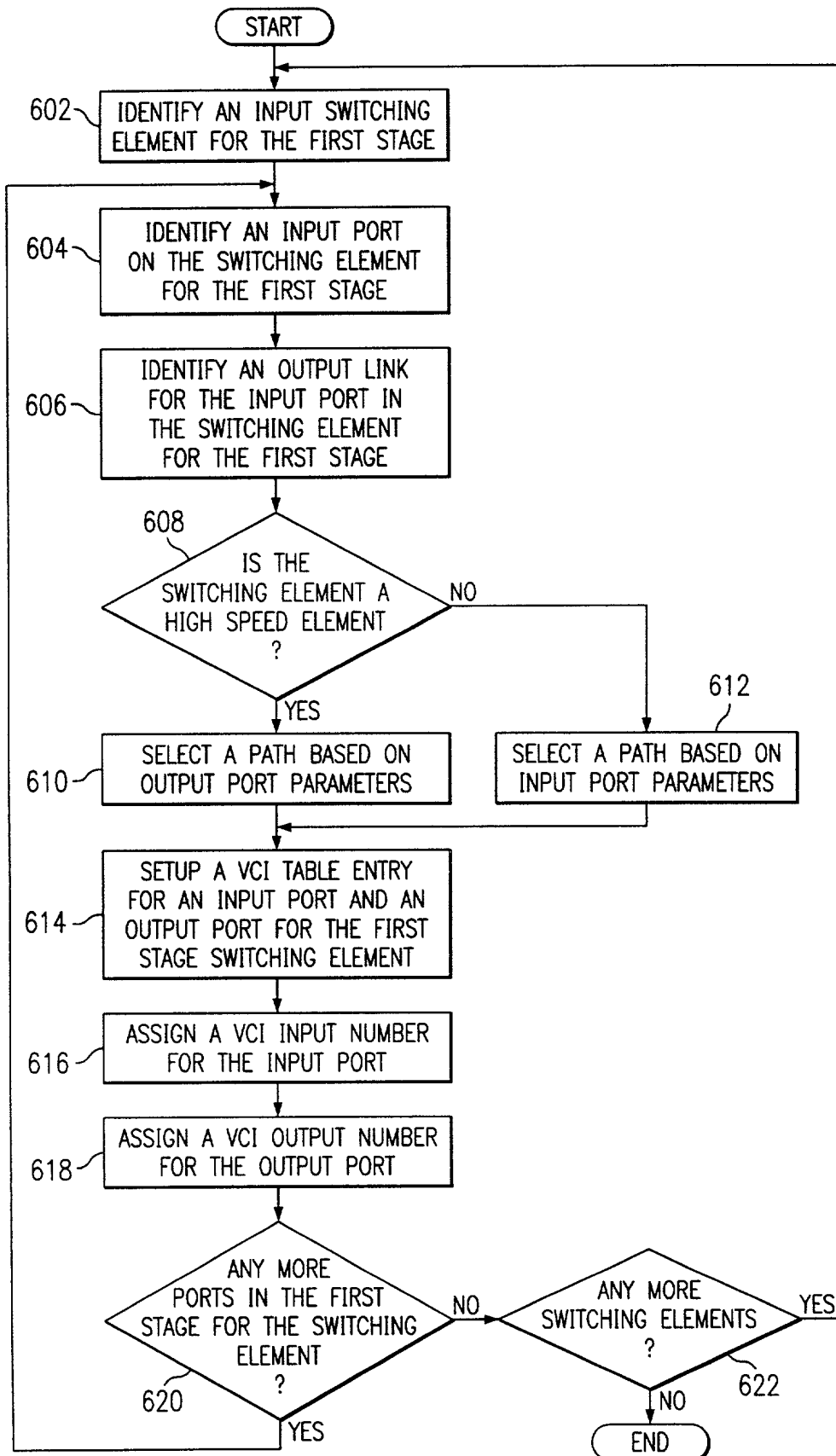


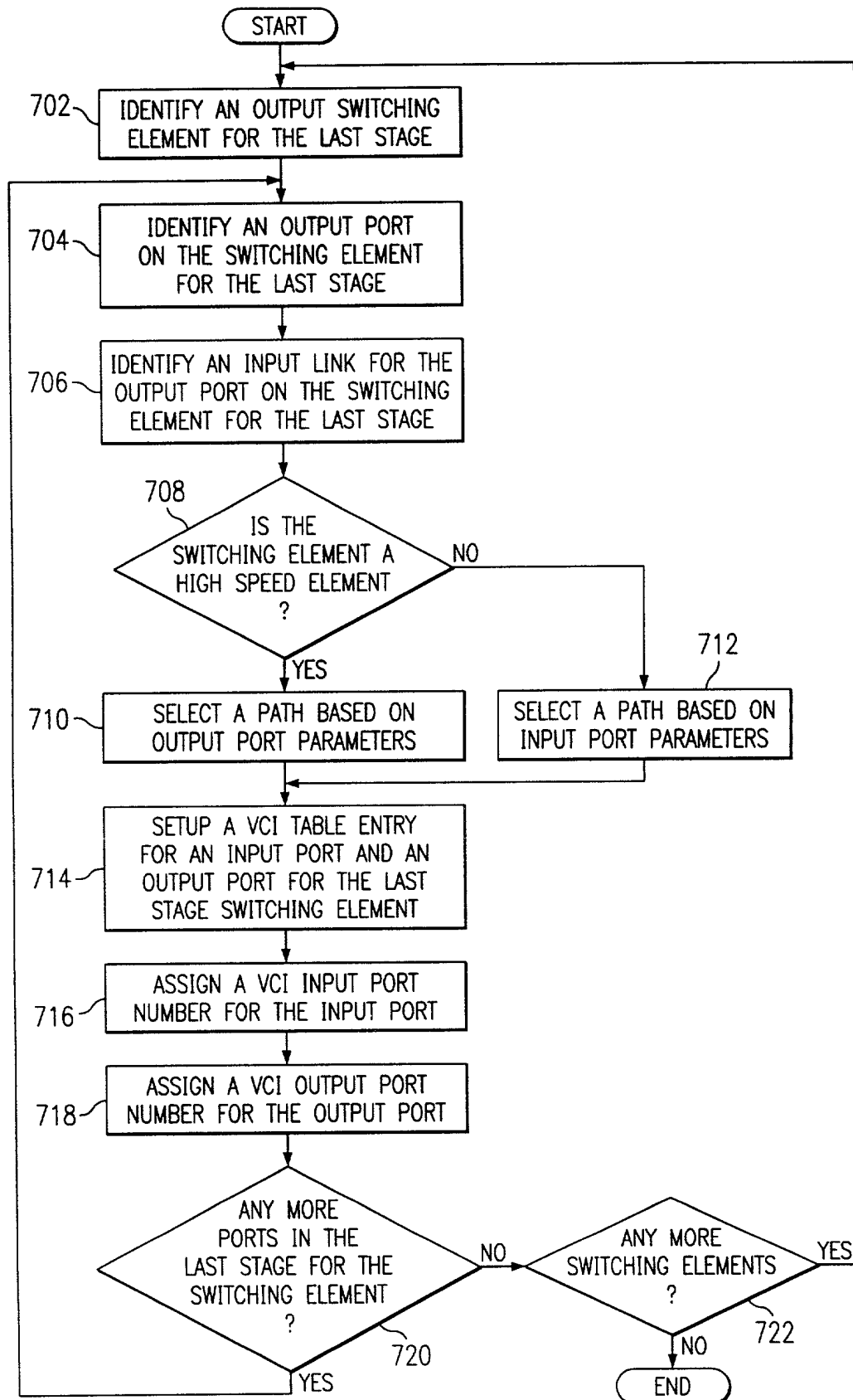
FIG. 6 8/15



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FIG. 7 9/15



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FIG. 8

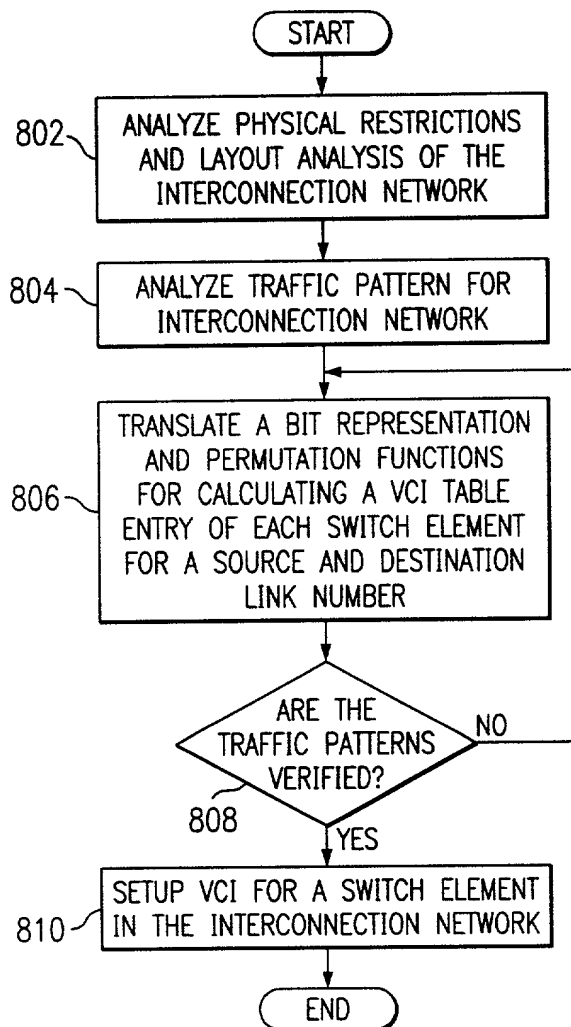
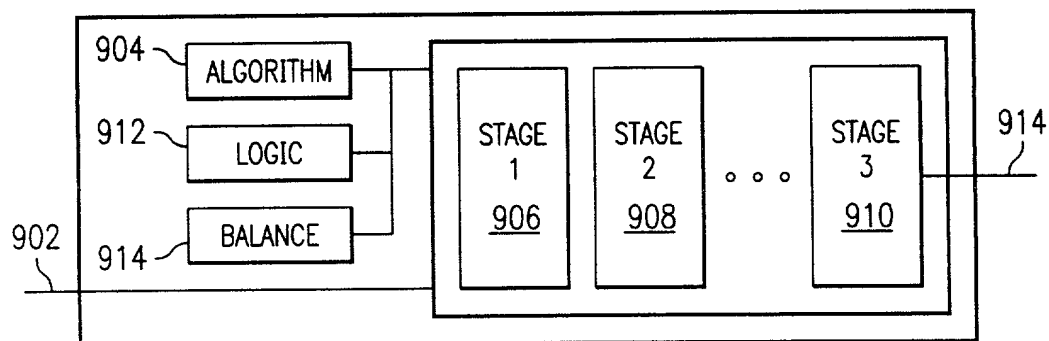


FIG. 9



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STAGE[0] :: fs  
 input = (i[6], i[5], i[4], i[3]) : (i[2], i[1], i[0]) - (j[6], j[5], j[4], j[3], j[2], j[1], j[0])  
 ↓  
 output = (i[6], i[5], i[4], i[3]) :  
 STAGE[1] :: ms1  
 input =  
 output =  
 STAGE[2] :: ms2  
 input =  
 output =  
 STAGE[3] :: ls  
 input = (j[6], j[5], j[4], j[3]) :  
 ↑  
 output = (j[6], j[5], j[4], j[3]) : (j[2], j[1], j[0]) - (i[6], i[5], i[4], i[3], i[2], i[1], i[0])

FIG. 10a

STAGE[0] :: fs  
 input = (i[6], i[5], i[4], i[3]) : (i[2], i[1], i[0]) - (j[6], j[5], j[4], j[3], j[2], j[1], j[0])  
 output = (i[6], i[5], i[4], i[3]) :  
 STAGE[1] :: ms1  
 input = (i[3], a, b, c) : (i[6], i[5], i[4]) -  
 (2) ↓ (3) ↓ (1)  
 output = (i[3], a, b, c) :  
 STAGE[2] :: ms2  
 input = (c, d, e, j[6]) : (i[3], a, b) -  
 (5) ↓ (6) ↓ (3) ↓ (4)  
 output = (c, d, e, j[6]) :  
 STAGE[3] :: ls  
 input = (j[6], j[5], j[4], j[3]) : (c, d, e) -  
 (1) ↓ (7)  
 output = (j[6], j[5], j[4], j[3]) : (j[2], j[1], j[0]) - (i[6], i[5], i[4], i[3], i[2], i[1], i[0])

FIG. 10b

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STAGE[0] :: fs  
 input = (i[6], i[5], i[4], i[3]): (i[2], i[1], [0]) - (j[6], j[5], j[4], j[3], j[2], j[1], j[0])  
 output = (i[6], i[5], i[4], i[3]): (a, b, c) -  
 STAGE[1] :: ms1  
 input = (i[3], a, b, c): (i[6], i[5], i[4]) -  
 output = (i[3], a, b, c): (d, e, j[6]) -  
 STAGE[2] :: ms2 (8)  
 input = (c, d, e, j[6]): (i[3], a, b) -  
 output = (c, d, e, j[6]): (j[5], j[4], j[3]) -  
 STAGE[3] :: ls (8)  
 input = (j[6], j[5], j[4], j[3]): (c, d, e) -  
 output = (j[6], j[5], j[4], j[3]): (j[2], j[1], j[0]) - (i[6], i[5], i[4], i[3], i[2], i[1], i[0])

FIG. 10c

STAGE[0] :: fs  
 input = (i[6], i[5], i[4], i[3]): (i[2], i[1], [0]) - (j[6], j[5], j[4], j[3], j[2], j[1], j[0])  
 output = (i[6], i[5], i[4], i[3]): (a, b, c) -  
 STAGE[1] :: ms1  
 input = (i[3], a, b, c): (i[6], i[5], i[4]) -  
 output = (i[3], a, b, c): (d, e, j[6]) -  
 STAGE[2] :: ms2  
 input = (c, d, e, j[6]): (i[3], a, b) -  
 output = (c, d, e, j[6]): (j[5], j[4], j[3]) -  
 STAGE[3] :: ls  
 input = (j[6], j[5], j[4], j[3]): (c, d, e) -  
 output = (j[6], j[5], j[4], j[3]): (j[2], j[1], j[0]) - (i[6], i[5], i[4], i[3], i[2], i[1], i[0])

FIG. 10d

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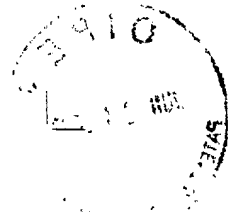


FIG. 11a

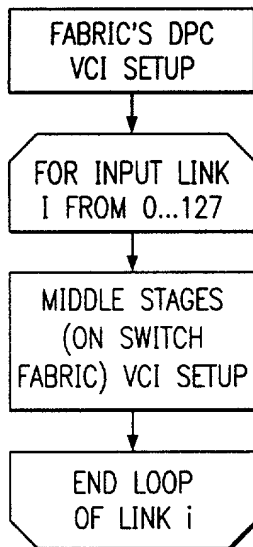


FIG. 11b

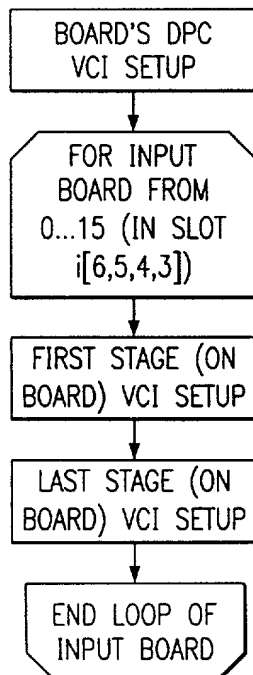
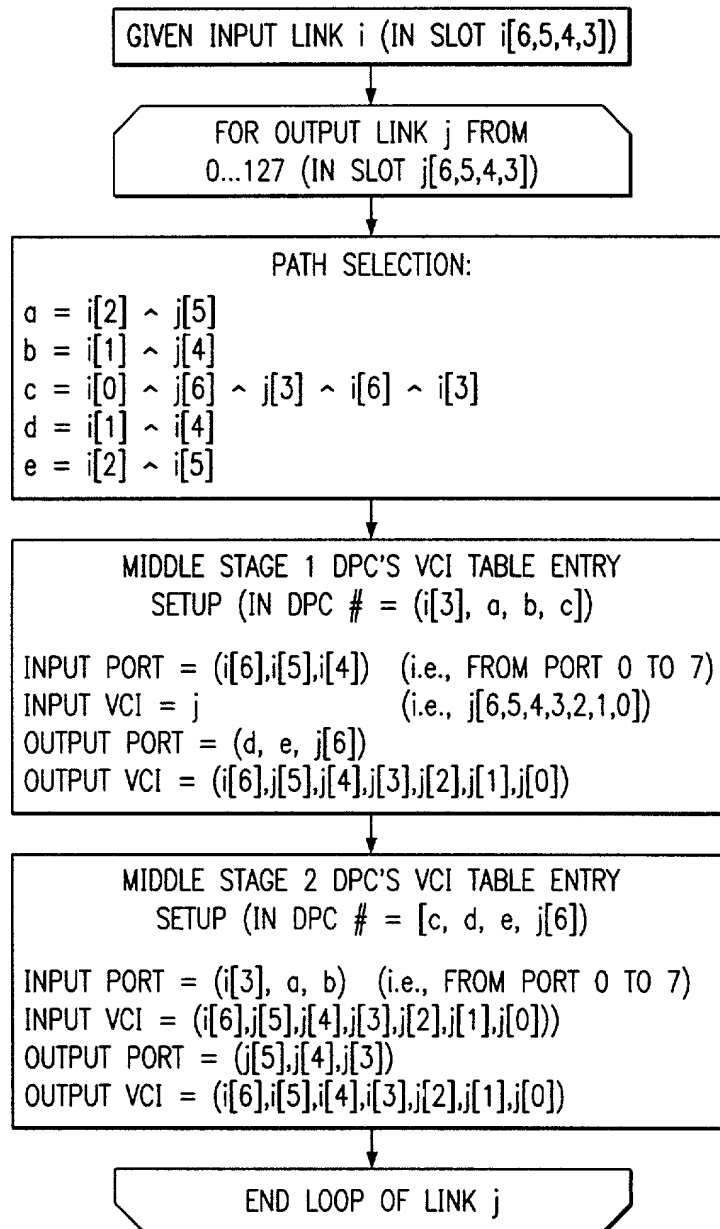


FIG. 12



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FIG. 13

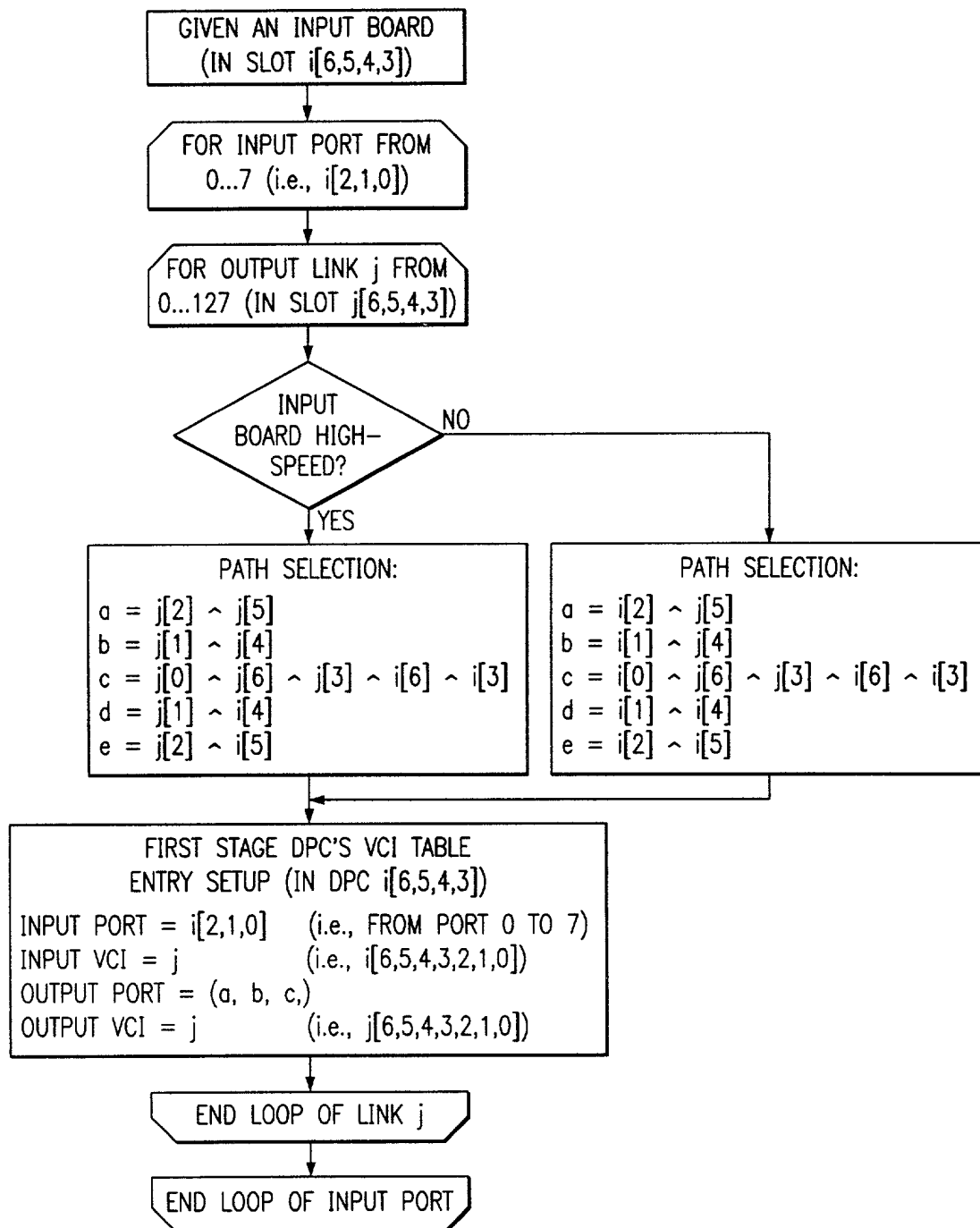


FIG. 14

